PXV

Notice of Allowability	Application No.	Applicant(s)	
	10/520,653	KONDOH ET AL.	
	Examiner	Art Unit	
	Eric S. Cardwell	2189	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to and MPEP 1308.	olication. If not included will be mailed in due course. withdrawal from issue at the i	THIS initiative
1. This communication is responsive to the request for continu	ued examination filed 28" September	<u>r 2007</u> .	
2. The allowed claim(s) is/are <u>3,4,6-11 and 17-19</u> .			
 3. Acknowledgment is made of a claim for foreign priority uner a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received.		
Copies of the certified copies of the priority documents have	· · · · ·		n the
International Bureau (PCT Rule 17.2(a)).		,	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF			
INFORMAL PATENT APPLICATION (PTO-152) which give		tion is delicient.	
 CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 		048) attached	
	·	540) attached	
(b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.	s Amendment / Comment or in the C		f
each sheet. Replacement sheet(s) should be labeled as such in the			'
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.			
Attachment(s)			
1. Notice of References Cited (PTO-892)	5. Notice of Informal P	atent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	(PTO-413),	
3. M Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Dat 7.	e nent/Comment	
Paper No./Mail Date <u>+9/28/2007</u> 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Stateme	ent of Reasons for Allowance	
of Biological Material	9.		
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Application/Control Number: 10/520,653

Art Unit: 2189

DETAILED ACTION

Information Disclosure Statement

As required by M.P.E.P. ' 609 (C), the applicant's submission of the Information Disclosure Statement dated September 28th, 2007, is acknowledged by the examiner and the cited references have been considered in the examination of the claims now pending. As required by M.P.E.P. ' 609 C(2), a copy of the PTOL-1449 initialed and dated by the examiner is attached to the instant office action.

Response to Amendment

Claims 3, 4, 6, 9, and 18 have been amended for the purposes of continued examination.

Claim 5 has been cancelled.

Claims 3, 4, 6-11, and 17-19 are pending in this application.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: Claims 3,4,6-11, and 17-19 are allowed.

The prior art of record including the disclosures of Biggs and Kumar neither anticipate nor renders obvious the below recited combinations.

The primary reasons for allowance of claim 1 in the instant application is the inclusion in the claims of "a first memory constituting a cache memory; a second memory which can be used to provide a cacheable area or a non-cacheable area for the first memory" combined with "a read buffer... wherein the read buffer is connected to a first bus upstream therefrom in a transmission path of a read request and is

Application/Control Number: 10/520,653

Art Unit: 2189

connected to a second bus downstreem therefrom in the transmission path of the read request"

The primary reasons for allowance of claim 6 in the instant application is the inclusion in the claims of "a third bus connected between the first memory to the second memory, in a path different from a patch formed by the first and second buses, to access the second memory for the cacheable area".

The primary reasons for allowance of claim 17 in the instant application is the inclusion in the claims of "a designator which selectively designates an area of the second memory as secondary cache memory or memory which is not cache memory".

Because claims 4,7-11, and 18-19 depend directly or indirectly on independent claims 1, 6, and 11, these claims are considered allowable for at least the same reasons noted above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric S. Cardwell whose telephone number is 571-270-1379. The examiner can normally be reached on Mon-Fri 8am-5pm Eastern Alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reginald Bragdon can be reached on 571-272-4204. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2189

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

ESC

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Reguld S. Brugh